

Express Mail Label No. EJ7702 97US
Date of Deposit: October 28, 1999



GP 1643
#4 w/attachs

Please type a plus sign (+) in this box ☐

PTO/SB (12-97)
Approved for use through 9/30/00. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/314,698
	Filing Date	May 19, 1999
	First Named Inventor	Perrin
	Group Art Unit	1643
	Examiner Name	Not Assigned
	Attorney Docket Number	14791-501 (Ariad-1)
ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After-Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/ Response	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Appeal Communication to Group (Brief, Reply Brief)
<input type="checkbox"/> Affidavit(s)/Declaration(s)	<input type="checkbox"/> To Convert a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> After Final	<input type="checkbox"/> Combined Declaration and Power of Attorney	<input type="checkbox"/> Licensing-related Papers
<input type="checkbox"/> Notice of Appeal	<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Certified Copy of Priority Document(s)
<input type="checkbox"/> Extension of Time Request	<input checked="" type="checkbox"/> Form 1449 PTO	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Postcard	<input type="checkbox"/> Small Entity Statement	<input type="checkbox"/> Terminal Disclaimer
<input type="checkbox"/> Response to Missing Parts (Filing Date Granted)	<input type="checkbox"/> Request for Refund	
<input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below):		
28 Cited References		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Submitted by	Ivor R. Elrifi	Registration No.	39,529
Signature			
Date	October 28, 1999		


Express Mail Label No.: EJ 265397US
Date of Deposit: October 28, 1999

Attorney Docket No. 14791-501 (ARIAD-1)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Perrin et al.
ASSIGNEE: Ariad Pharmaceuticals, Inc.
SERIAL NUMBER: 09/314,698
FILING DATE: May 19, 1999
FOR: MICROARRAY-BASED SUBTRACTIVE HYBRIDIZATION

EXAMINER: Not Assigned
ART UNIT: 1643



October 28, 1999
Boston, Massachusetts

Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants hereby make of record the documents listed below and on the attached modified Form PTO-1449 (submitted in duplicate) in the above-identified application, copies of which are submitted herewith. The order of presentation of the references should not be construed as an indication of the importance of the references.

U.S. Patent Documents:

Cite No.	U.S. Patent	Issue Date	Name of Applicant(s)	Class
A1	5,445,934	08/29/95	Fodor, Stephen P.	6
A2	5,589,339	12/31/96	Hampson, Ian N.	6
A3	5,830,662	11/03/98	Soares, Marcelo B.	6
A4	5,846,721	12/08/98	Soares, Marcelo B.	6
A5	5,851,772	12/22/98	Mirzabekov, Andrei D.	6
A6	5,728,529	03/17/98	Metzker, Richard A.	6
A7	5,800,992	09/01/98	Fodor, Stephen P.	6
A8	5,821,058	10/13/98	Smith, Lloyd M.	6
A9	5,882,874	03/16/99	Fisher, Paul B.	6

Foreign Patent Documents:

Cite No.	Foreign Patent Document Office	Number	Name of Patentee	Date of Publication
B1	WO	97/41260	Genescape, Inc.	6 November 1997
B2	WO	98/08973	Cancer Research Campaign Technology Ltd.	5 March 1998
B3	WO	98/43088	SmithKline Beecham Corporation	1 October 1998
B4	WO	99/15702	Life Technologies, Inc.	1 April 1999

Other Prior Art – Non Patent Literature Documents:

Cite No.	Name of Author, Title, Publication, Volume, Page(s), Date, Etc.
C1	Adams, et al., SCIENCE, 252 , 1651-1656 (1991).
C2	Boguski & Schuler, NAT. GENETICS, 10 , 369-371 (1995).
C3	Botwell, D.L., NAT. GENETICS, 21 , 25-29 (1999).
C4	Brown & Botstein, NAT. GENETICS, 21 , 33-37 (1999).
C5	Dovichi, ELECTROPHORESIS, 18 , 2393-2399 (1997).
C6	Duggan, et al., NAT. GENETICS, 21 , 10-14 (1999).
C7	Ermolaeva, et al., NAT. GENETICS, 20 , 19-23 (1998).
C8	Galau et al., ARCH. BIOCHEM BIOPHYS, 179 , 584-599 (1977).
C9	Hacia, J.G., NAT. GENETICS, 21 , 42-47 (1999).
C10	Ko, NUCLEIC ACIDS RES., 18 , 5705-5711 (1990).
C11	Lipshutz, et al. NAT. GENETICS, 21 , 20-24 (1999).
C12	Luckey et al., NUCLEIC ACIDS RES., 18 , 4417-4421 (1990).
C13	Prober, et al., SCIENCE, 238 , 336-341 (1987).
C14	Smith, et al., NATURE, 321 , 674-679 (1986).
C15	Weissman, MOL. BIOL. MED., 4 , 133-143 (1987).

This Information Disclosure Statement is being been filed:

- ☐ within three months of the filing date of the National Application;
- ☐ within three months of the filing date of the entry of the National Stage, as set forth in 37 C.F.R. §1.491, in an International Application; or
- ☒ before the mailing date of a first Office Action on the merits in the above-identified case.

Accordingly, no fee or certification is required. 37 C.F.R. §1.97

A copy of each of the above-identified information is enclosed unless otherwise indicated on the attached Form PTO-1449 (modified). It is respectfully requested that the Examiner consider completely the cited information, along with any other information, in reaching a

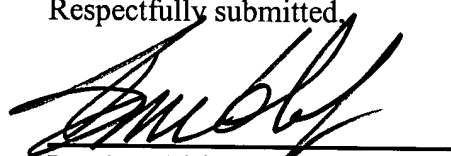
APPLICANTS: Perrin et al.
U.S.S.N.: 09/314,698

determination concerning the patentability of the present claims, and signs the enclosed form PTO-1449 to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that: (1) a search has been performed, of the extent of any search performed, or that more relevant information does not exist; (2) the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b); and (3) the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his/her own conclusion regarding the relevance of the cited information. An early and favorable action is hereby requested. Please charge any additional fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 14791-501.

Respectfully submitted,



Ivor R. Elrifi, Reg. No. 39,529
Attorney for Applicants
Heidi A. Erlacher, Technology Specialist
c/o MINTZ, LEVIN
One Financial Center
Boston, Massachusetts 02111
Tel: (617) 542-6000
Fax: (617) 542-2241

Dated: October 28, 1999

TRADOCS:1256800.1(QXR401!.DOC)